

L Number	Hits	Search Text	DB	Time stamp
7	2	369/\$7.ccls. and (((three "3") adj spot adj (method detect\$4)) with (improv\$5 enhanc\$5 better)) and (diffraction adj grating)	USPAT	2004/05/19 09:56
8	1	369/\$7.ccls. and (((multiple plural\$3 several) adj (spot beam) adj (method detect\$4)) with (improv\$5 enhanc\$5 better)) and (diffraction adj grating)	USPAT	2004/05/19 09:55
9	0	369/\$7.ccls. and (((three "3") adj spot adj (method detect\$4)) with (prefer\$5)) and (diffraction adj grating)	USPAT	2004/05/19 09:56
10	6	369/\$7.ccls. and (((three "3" multiple plural\$3) adj (spot beam) adj (method detect\$4)) with (prefer\$5)) and (diffraction adj grating)	USPAT	2004/05/19 10:58
17	17	369/\$7.ccls. and (step\$1wise same grating)	USPAT	2004/05/19 10:59
18	12	("4731772"   "4757197"   "4876680"   "4929823"   "4945529"   "4983017"   "5065380"   "5111448"   "5111449"   "5161135"   "5161148"   "5293367").PN.	USPAT	2004/05/19 11:16
19	4	("4358200"   "4665310"   "4731772"   "4929823").PN.	USPAT	2004/05/19 11:16
-	548	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal))	USPAT	2003/11/26 09:19
-	30	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near (beam near spot))	USPAT	2003/11/26 10:06
-	37	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near (beam near spot))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/26 10:02
-	32	takasuka-shoichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/01 11:16
-	81	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near ((beam light) near spot))	USPAT	2003/12/01 09:47
-	2	("5272723"   "5400312").PN.	USPAT	2003/11/26 11:02
-	10	("5138592"   "5301175"   "5412630"   "5523989"   "5751680"   "5828637"   "5859818"   "6246648"   "6493296"   "6507544").PN.	USPAT	2003/11/26 11:03
-	4	("5148424"   "5168487"   "5623461"   "5671200").PN.	USPAT	2003/11/26 11:06

-	11	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near ((beam light) near spot)) and ((different second plural\$3) near wave\$1length) and (hoe hologra\$4 diffraction grating)	USPAT	2003/11/26 14:24
-	17	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near ((beam light) near spot)) and ((different second plural\$3) near wave\$1length)	USPAT	2003/11/26 14:24
-	1	369/\$7.ccls. and (rim\$1intensity "rim intensity") and (369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)))	USPAT	2003/11/26 12:41
-	13	369/\$7.ccls. and (rim\$1intensity "rim intensity")	USPAT	2003/11/26 12:44
-	20	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((plural\$3 multiple second) near ((beam light) near spot)) and ((different second plural\$3) near wave\$1length) and (hoe hologra\$4 diffraction grating)	USPAT	2003/11/26 14:43
-	2	(369/112.07 369/112.12).ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((plural\$3 multiple second) near ((beam light) near spot)) and ((different second plural\$3) near wave\$1length) and (hoe hologra\$4 diffraction grating)	USPAT	2003/11/26 14:45
-	9	(369/112.07 369/112.12).ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((plural\$3 multiple second) near ((beam light) near spot))	USPAT	2003/11/26 14:49
-	48	(369/112.07 369/112.12).ccls. and ((cd\$3 same dvd\$4) ((plural second multiple different) near wavelength))	USPAT	2003/11/26 15:10
-	72	(369/112.07 369/112.12).ccls. and (((plural\$3 multiple second two) near (laser ((light radiation) near (source emitter)))) ((plural\$3 second multiple different two) near wavelength))	USPAT	2003/11/26 15:13
-	20	(369/112.07 369/112.12).ccls. and (((plural\$3 multiple second two) near (laser ((light radiation) near (source emitter)))) ((plural\$3 second multiple different two) near wavelength)) and ((plural\$3 second multiple different two three) near spot)	USPAT	2003/11/26 15:56
-	6	("6207942" "6366548" "6067283" "6404709" "6084843" "6385158").pn.	USPAT	2003/11/26 16:01
-	16	ohyama-minoru.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/26 16:01

-	37	katsuma-toshiaki.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/01 09:25
-	0	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near ((beam light) near spot)) and (((step step\$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:55
-	0	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((plural\$3 multiple second) near ((beam light) near spot)) and (((step step\$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:49
-	0	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and (((step step\$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:49
-	8	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and (((step step\$1wise) near (grating groove depth)))	USPAT	2003/12/01 09:49
-	5	369/\$7.ccls. and ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) and ((radial track pit\$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural\$3 multiple second) near ((beam light) near spot)) and ((heat near sink) same (laser ((light radiation) near (source emit\$4))))	USPAT	2003/12/01 10:01
-	3	("5391865"   "5475670"   "5777973").PN.	USPAT	2003/12/01 09:57
-	3	369/\$7.ccls. and ((heat near sink) same ((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4))))	USPAT	2003/12/01 10:02
-	5	369/\$7.ccls. and ((heat near sink) same (((plural\$3 multiple second) near (laser ((light radiation) near (source emit\$4)))) (laser near array)))	USPAT	2003/12/01 10:26
-	0	369/\$7.ccls. and ((objective near lens) near package)	USPAT	2003/12/01 10:27
-	104	369/\$7.ccls. and ((objective near lens) same package)	USPAT	2003/12/01 11:05
-	39	369/\$7.ccls. and ((objective near lens) same package) and ((plural\$3 multiple second two) near (laser ((light radiation) near (source emitter))))	USPAT	2003/12/01 11:07
-	18	369/\$7.ccls. and ((objective near lens) same package) and ((plural\$3 multiple second two) near (laser ((light radiation) near (source emitter)))) and actuator	USPAT	2003/12/01 11:07
-	380	maruyama-koichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/01 11:17
-	46	maruyama-koichi.in. and 369/\$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/01 11:17
-	121	369/\$7.ccls. and ((three "3") adj spot adj (method detect\$4))	USPAT	2004/05/18 15:43

-	54	369/\$7.ccls. and ((three "3") adj spot adj (method detect\$4)) and (diffraction adj grating)	USPAT	2004/05/18 15:54
-	1115	ohnishi.in.	USPAT	2004/05/18 15:45
-	16	ohnishi-kunikazu.in.	USPAT	2004/05/18 15:45
-	6	takasuka-shoichi.in.	USPAT	2004/05/18 15:47
-	4	369/\$7.ccls. and ((three "3") adj spot adj (method detect\$4)) and (diffraction adj grating) and (compatib\$5 with ((plural\$3 multiple different) near3 (medium disc disk)) (cd\$4 with dvd\$4))	USPAT	2004/05/18 16:00
-	26	369/\$7.ccls. and ((three "3") adj spot adj (method detect\$4)) and (diffraction adj grating) and (((plural\$3 multiple different) near3 (medium disc disk)) (cd\$4 with dvd\$4))	USPAT	2004/05/19 09:51
-	1	"5751680".PN.	USPAT	2004/05/18 16:12
-	1	5963515.URPN.	USPAT	2004/05/18 16:12
-	40	369/\$7.ccls. and (((two several multiple different plural\$3) near3 grating) with (combin\$5 replac\$5 instead))	USPAT	2004/05/18 18:01
-	21	369/\$7.ccls. and (saw\$1tooth\$7 blaz\$3) and ((three "3") adj spot)	USPAT	2004/05/18 18:35
-	20	("4774522"   "4809251"   "4873680"   "4932017"   "5034940"   "5063546"   "5206853"   "5233589"   "5282185"   "5321680"   "5345434"   "5347505"   "5404345"   "5414689"   "5418770"   "5450381"   "5517481"   "5524103"   "5557592"   "5566158").PN.	USPAT	2004/05/18 18:14
-	113	369/\$7.ccls. and (saw\$1tooth\$7 blaz\$3) and ((three "3") adj beam)	USPAT	2004/05/18 18:36
-	45	369/\$7.ccls. and (saw\$1tooth\$7 blaz\$3) and ((three "3") adj beam adj method)	USPAT	2004/05/18 18:36